

that the casting faces of the first mold member and the second mold member at least partially define a mold cavity;

a lens forming composition adapted to be disposed within the mold cavity during use, comprising:

a monomer that cures by exposure to activating light to form the eyeglass lens during use;

an ultraviolet light absorbing compound that substantially absorbs light having a wavelength in a first range during use, wherein the ultraviolet light absorbing compound increases the absorption of ultraviolet light by the formed eyeglass lens;

a photoinitiator that initiates curing of the monomer in response to being exposed to activating light having a wavelength in a second range during use; and

a first light generator adapted to generate and direct activating light at a wavelength in the second range toward at least one of the mold members to cure the lens forming composition and to form the eyeglass lens during use.

159. (Amended) A system for making an ophthalmic eyeglass lens, comprising:

a first mold member having a casting face and a non-casting face;

a second mold member having a casting face and a non-casting face, the second mold member being configured to be spaced apart from the first mold member during use

such that the casting faces of the first mold member and the second mold member at least partially define a mold cavity;

a lens forming composition configured to be disposed within the mold cavity during use, comprising:

a monomer that is curable in the mold cavity by exposure to activating light to substantially form the eyeglass lens

a photochromic compound that absorbs at least a portion of the activating light in a first range during at least a portion of the curing of the monomer; and

a photoinitiator that activates a co-initiator after being exposed to at least a portion of activating light in a second range during curing, wherein the co-initiator activates curing of the monomer to form the eyeglass lens and wherein the co-initiator facilitates curing of the lens forming composition; and

a first light generator configured to generate and direct activating light at a wavelength in the second range toward at least one of the mold members to cure the lens forming composition and to form the eyeglass lens during use.